

## PATENT COOPERATION TREATY

## PCT

## INTERNATIONAL SEARCH REPORT

(PCT Article 18 and Rules 43 and 44)

Applicant's or agent's file reference <b>WO 39319</b>	<b>FOR FURTHER ACTION</b> see Notification of Transmittal of International Search Report (Form PCT/ISA/220) as well as, where applicable, item 5 below.	
International application No. <b>PCT/EP 03/11599</b>	International filing date (day/month/year) <b>20/10/2003</b>	(Earliest) Priority Date (day/month/year)
Applicant <b>HONEYWELL INTERNATIONAL INC.</b>		

This International Search Report has been prepared by this International Searching Authority and is transmitted to the applicant according to Article 18. A copy is being transmitted to the International Bureau.

This International Search Report consists of a total of 3 sheets.

It is also accompanied by a copy of each prior art document cited in this report.

**1. Basis of the report**

a. With regard to the language, the international search was carried out on the basis of the international application in the language in which it was filed, unless otherwise indicated under this item.

the international search was carried out on the basis of a translation of the international application furnished to this Authority (Rule 23.1(b)).

b. With regard to any nucleotide and/or amino acid sequence disclosed in the international application, the international search was carried out on the basis of the sequence listing :

contained in the international application in written form.

filed together with the international application in computer readable form.

furnished subsequently to this Authority in written form.

furnished subsequently to this Authority in computer readable form.

the statement that the subsequently furnished written sequence listing does not go beyond the disclosure in the international application as filed has been furnished.

the statement that the information recorded in computer readable form is identical to the written sequence listing has been furnished

2.  Certain claims were found unsearchable (See Box I).

3.  Unity of invention is lacking (see Box II).

4. With regard to the title,

the text is approved as submitted by the applicant.

the text has been established by this Authority to read as follows:

(Text of the established title)

5. With regard to the abstract,

the text is approved as submitted by the applicant.

the text has been established, according to Rule 38.2(b), by this Authority as it appears in Box III. The applicant may, within one month from the date of mailing of this international search report, submit comments to this Authority.

6. The figure of the drawings to be published with the abstract is Figure No.

as suggested by the applicant.

because the applicant failed to suggest a figure.

because this figure better characterizes the invention.

1

None of the figures.

Best Available Copy

A. CLASSIFICATION OF SUBJECT MATTER  
IPC 7 F02B37/16 F02B37/18 F02M25/07

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)  
IPC 7 F02B F02M F02D

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EPO-Internal, WPI Data, PAJ

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	GB 216 136 A (BRITISH THOMSON HOUSTON CO LTD) 9 April 1925 (1925-04-09) page 2, line 48 - line 73; figures	1, 2
Y	GB 919 667 A (AMERICAN CYANAMID CO) 27 February 1963 (1963-02-27) page 6, line 78 - line 82; figure 5	3
X	GB 2 042 090 A (RITE AUTOTRONICS CORP) 17 September 1980 (1980-09-17) page 4, line 2 - line 26; figure 12	1
A	GB 515 877 A (HENRY TURNER; THOMAS BROWN) 15 December 1939 (1939-12-15)	
A	US 4 517 803 A (JAMISON TERRY) 21 May 1985 (1985-05-21) cited in the application	
-/-		

Further documents are listed in the continuation of box C.

Patent family members are listed in annex.

\* Special categories of cited documents :

- \*A\* document defining the general state of the art which is not considered to be of particular relevance
- \*E\* earlier document but published on or after the international filing date
- \*L\* document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)
- \*O\* document referring to an oral disclosure, use, exhibition or other means
- \*P\* document published prior to the international filing date but later than the priority date claimed

\*T\* later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention

\*X\* document of particular relevance, the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone

\*Y\* document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art.

\*&\* document member of the same patent family

Date of the actual completion of the international search

17 May 2004

Date of mailing of the international search report

24/05/2004

Name and mailing address of the ISA

European Patent Office, P.B. 5818 Patentlaan 2  
NL - 2280 HV Rijswijk  
Tel. (+31-70) 340-2040, Tx. 31 651 epo nl,  
Fax: (+31-70) 340-3016

Authorized officer

Sideris, M

WEST Available Copy

C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT

Category	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	US 5 540 417 A (SPENCER WILLIAM W) 30 July 1996 (1996-07-30) cited in the application	

## Information on patent family members

International Application No  
PCT/EP 03/11599

Patent document cited in search report	Publication date	Patent family member(s)			Publication date
GB 216136	A 09-04-1925	NONE			
GB 919667	A 27-02-1963	US	3094394 A		18-06-1963
		US	3197287 A		27-07-1965
		FR	1299792 A		27-07-1962
		NL	267408 A		
GB 2042090	A 17-09-1980	DE	2850213 A1		10-04-1980
		FR	2437509 A1		25-04-1980
		IT	1160261 B		11-03-1987
		JP	55046083 A		31-03-1980
GB 515877	A 15-12-1939	NONE			
US 4517803	A 21-05-1985	DE	3472135 D1		21-07-1988
		EP	0123515 A1		31-10-1984
		JP	1578998 C		13-09-1990
		JP	2002449 B		18-01-1990
		JP	59200018 A		13-11-1984
US 5540417	A 30-07-1996	AU	674419 B2		19-12-1996
		AU	6886394 A		09-02-1995
		BR	9403136 A		11-04-1995
		CA	2129275 A1		03-02-1995
		GB	2282579 A ,B		12-04-1995
		ZA	9405738 A		14-03-1995
		AP	560 A		15-11-1996
		AT	173683 T		15-12-1998
		DE	69506136 D1		07-01-1999
		DE	69506136 T2		06-05-1999
		EP	0663307 A1		19-07-1995
		ES	2128655 T3		16-05-1999
		NZ	270324 A		20-12-1996

Best Available Copy